# ZETA CHAPTER

Eighteen men have constituted the membership of Zeta Chapter during the past year. Of these men six are Mechanical, five Electrical, four Chemical, and three Civil Engineering students. Recently (May 2nd) fifteen men, all juniors in the School of Engineering, were initiated into Zeta Chapter of Sigma Tau, and these men will carry on the work of Sigma Tau next year.

Papers on engineering subjects were required of the new men as a pre-initiation duty. Some very fine papers were received on subjects ranging from the extraction of bromine from sea water to the principles of design of high frequency radio receivers. The paper written by Lyle Mershon, junior in Mechanical Engineering, was judged to be the best. His subject was, "Mixture Distribution in Automotive Engines." In awarding second place the judges were unable to choose between two papers and so listed them both as tie for second. The papers were, "Midget Receiver Design," by Maurice Staton, junior in Electrical Engineering, and one written by Leo Smith, junior in Mechanical Engineering, titled "Basic Principles of Design of Detonation Resisting Combustion Chamber Shapes." Mr. J. C. Stevens of Portland, Oregon, one of the charter members of Sigma Tau and Past National President of the Society, was present at the initiation and presented the new men with their keys.

The following members of Zeta Chapter have been doing work of particular interest. Waldemar Schmidt, graduating in Chemical Engineering, has been awarded a scholarship to M. I. T., where he will continue his work. It will be remembered that Timothy Coleman, a member of Zeta Chapter, received the Sigma Tau scholarship to M. I. T. last year. Draper Mason has been doing thesis work on the subject of "Electrical Means for Measuring Water Flow." Draper is graduating in Civil Engineering. Ross Bateman has recently completed the installation of a new and powerful short wave transmitter and receiver. He has offered the services of his equipment to students who wish to communicate with persons anywhere in the world.

The Sigma Tau Scholarship Medals were awarded May 19th to two sopohomore students in Civil Engineering. Jack Graham



received the first award, and Sumner Aldrege was awarded the bronze medal. The medals were presented by Mr. J. C. Stevens at the joint meeting of the Portland section of A. S. C. E. and the student branch of the A. S. C. E.

# ETA CHAPTER Summer 1934

Eta Chapter of Sigma Tau at Washington State College consists of 45 active members and 16 faculty members. A large number of this group are prominent in social and campus activities as well as in the engineering field. Particularly so are:

GARRETT KRATZER HOPKINS COLLINS

Thomas Collins, president for the past year; president of the Associated Engineers of the State College of Washington; president of the junior class in 1933-34; a member of Crimson Circle (men's upper-class service honorary); a member of Scabbard and Blade, and chairman of several social committees. This last month he won the certificate of merit as being the outstanding senior military engineer while acting as cadet adjutant of the Washington State R. O. T. C. unit. Collins is a member of Tau Beta Pi. He is a senior in the Department of Commercial and Mechanical Engineering.

Richard Hopkins, another outstanding past officer, is also the past president of Tau Beta Pi, a member of Phi Kappa Phi, winner of the Sigma Tau Scholarship Medal for the outstanding freshman in 1930-31, and a prominent senior in electrical engineering.

Thoralf Torkelson, past secretary of Sigma Tau, is a member of Tau Beta Pi, past president of the Associated Engineers, a

member of the Rally Committee, A. I. E. E., and several social committees. Brother Torkelson graduated last February in electrical engineering.

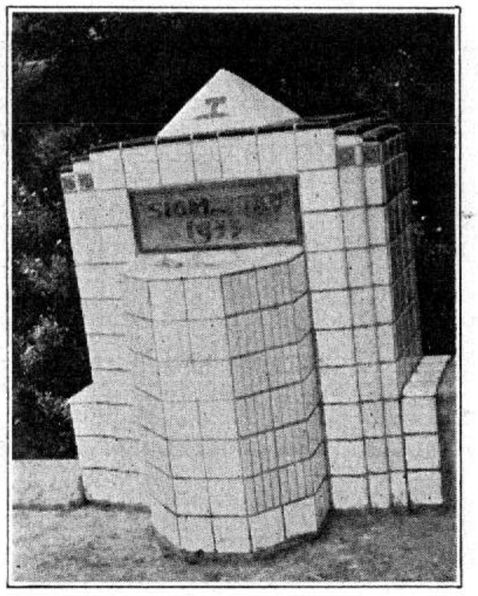
James Kratzer, present president of Eta Chapter, is a member of Scabbard and Blade, president of the Rifle Team which won the National Intercollegiate Championship, an R. O. T. C. captain, secretary of the Associated Engineers, and winner of a teaching scholarship in mechanical engineering. Brother Kratzer is a junior in the Department of Mechanical Engineering.

Robert Ludlum is the present president of Tau Beta Pi, a member of Phi Kappa Phi, Phi Lambda Epsilon, the very successful business manager of *The Washington State Engineer,* engineering publication for the Associated Engineers. Brother Ludlum is a senior in the Department of Chemical Engineering.

Carl Uppman is vice-president of Sigma Tau, vice-president of the Civil Engineers, first lieutenant of Scabbard and Blade, and prominent in social activities.

Joe Kieffer is corresponding secretary of Sigma Tau, a member of Tau Beta Pi, a member of the Mineral Industries Society, and chairman of several social committees. He is a junior in the Department of Metallurgical Engineering.

More than half of the members are active in other campus organizations and functions.



FOUNTAIN ERECTED BY ETA CHAPTER



Sigma Tau has given two very worth-while contributions to the W. S. C. campus during the past year. The first is a drinking fountain located near the main entrance to the Mechanical Arts Building. It is very beautifully trimmed in white, blue and black tile. It is one of the several fountains erected by Sigma Tau. A snapshot of it is included.

For those luckless souls who are not equipped with the finer jewelry of civilized students, we have erected a sun dial beside a busy sidewalk near the Administration Building. It rests on a concrete pedestal which bears the Sigma Tau Greek letters. A snapshot of it accompanies this letter.

Regular meetings of the Chapter are held every other week with record attendance. The social activities of the organization for the past year consisted of a joint dance with Tau Beta Pi and three joint banquets with the same organization, for which prominent speakers were obtained.

JOE KIEFFER,
*Corresponding Secretary.*

## THETA CHAPTER

Recent faculty changes at the University of Illinois, involving members of Sigma Tau, have been quite significant and the importance of these promotions has overshadowed the accomplishments of Theta Chapter during the past year.

### DEAN A. C. WILLARD MADE PRESIDENT OF THE UNIVERSITY OF ILLINOIS

Dean Willard attended the Massachusetts Institute of Technology for his undergraduate work, where he studied chemical engineering, receiving the Bachelor of Science degree in 1904. After teaching for a period of five years, he served in the U. S. War Department as sanitary and heating engineer from 1909 to 1913.

In 1913 Dean Willard came to the University of Illinois as a member of the Department of Mechanical Engineering. After four years' service as assistant professor of heating and ventilation, the president-elect was made a full professor and served as such until 1920, at which time he was named head of the

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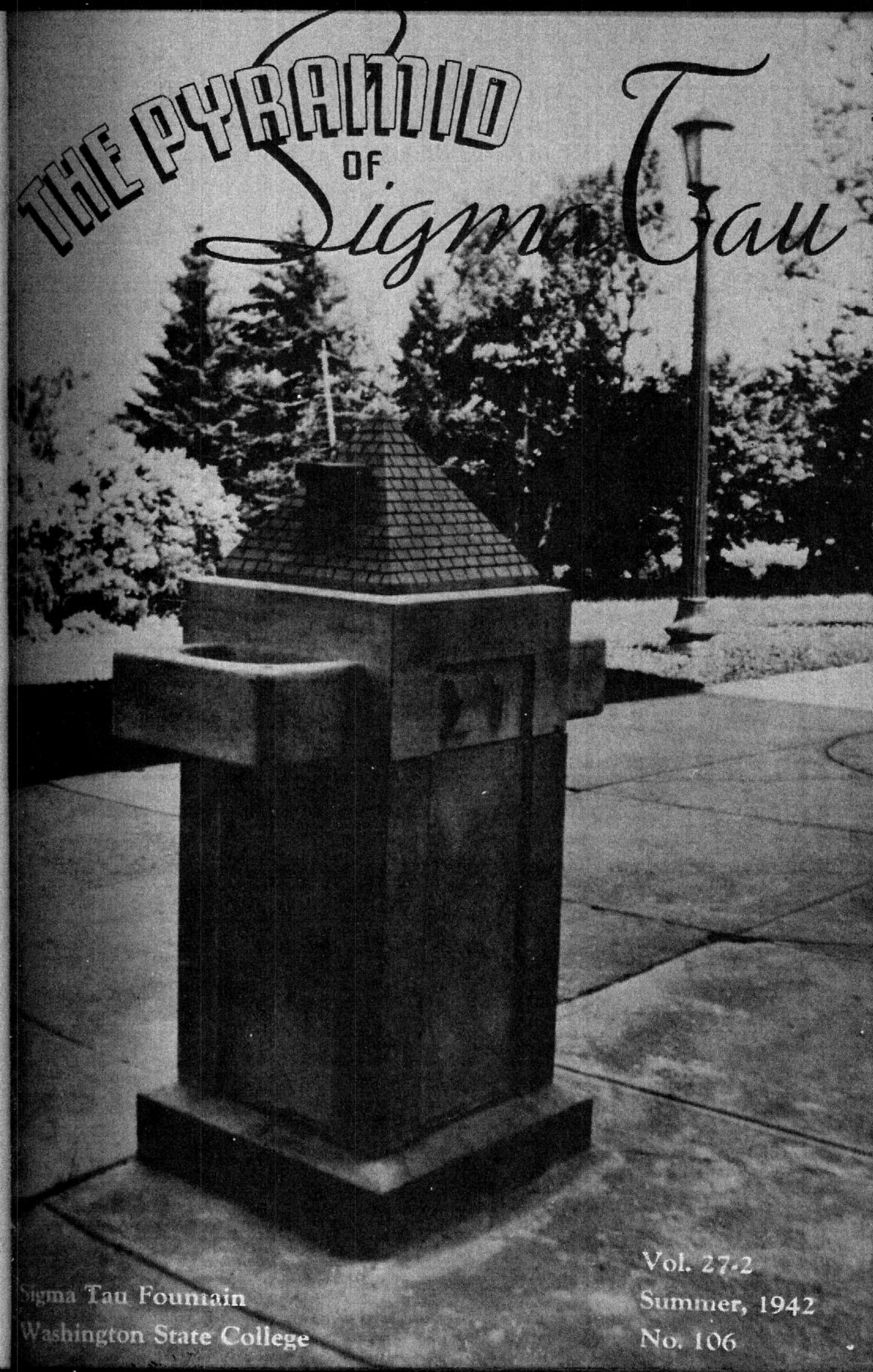
# THE PYRAMID OF Sigma Tau



Sigma Tau Fountain
Washington State College

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